PINEY CREEK BRIDGE ARROYO SECO BRIDGES CA PFH 129-1(1)

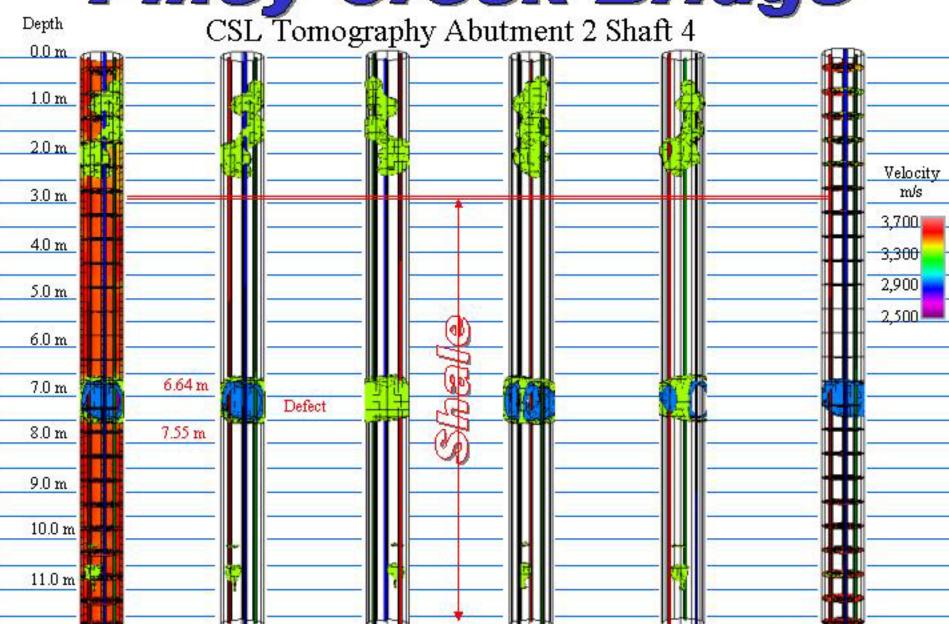
Tomography imaging of the initial CSL test results
- verticle and horizontal cross-sectionsAbutment 2 Shaft 4

#### Piney Creek Bridge

CSL Tomography Abutment 2 Shaft 4 Depth  $0.0 \, \mathrm{m}$ Cross section Cross section Cross section Tubes 2 & 3 1.0 m Tubes 1& 2 Tubes 1 & 3 2.0 m Velocity 3.0 m m/s 3,700 4.0 m 3,300 5.0 m 2,900 2,500 6.0 m 6.64 m 7.0 m Defect 7.55 m 8.0 m 9.0 m 10.0 m

Average Shaft Velocity is 3,660 m/s-- 10% Green (3,294 m/s), 20% Blue (2,928 m/s)

11.0 m

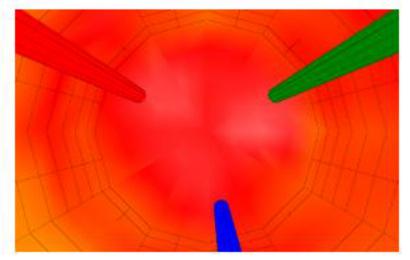


Average Shaft Velocity is 3,660 m/s-- 10% Green (3,294 m/s), 20% Blue (2,928 m/s)

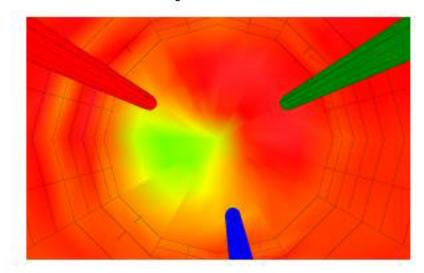
3700

3300

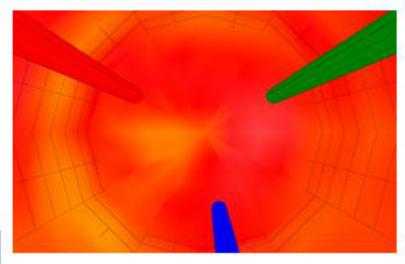
2900



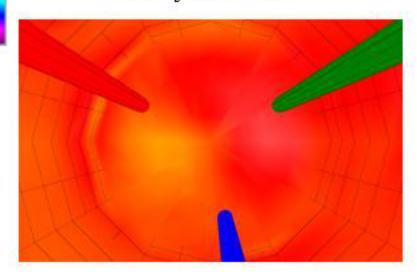
0.0 m from bottom



1.0 m from bottom

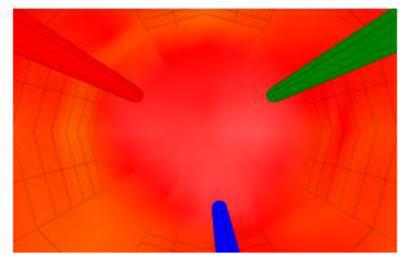


0.5 m from bottom

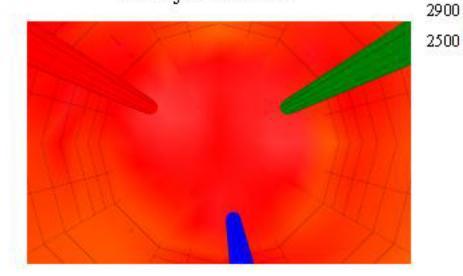


1.5 m from bottom

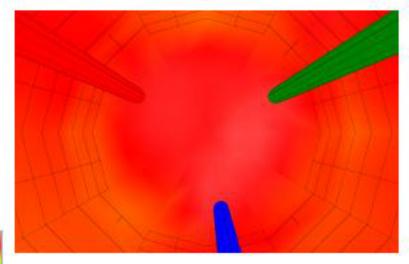
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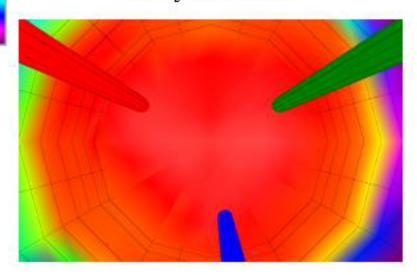
2.0 m from bottom



3.0 m from bottom

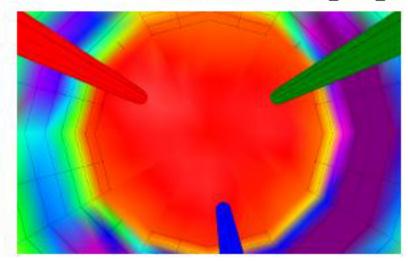


2.5 m from bottom

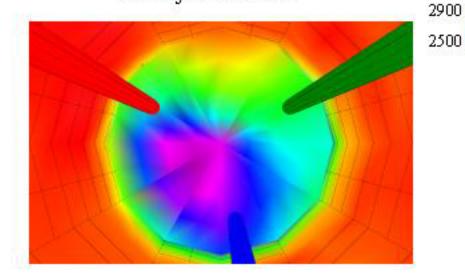


3.5 m from bottom

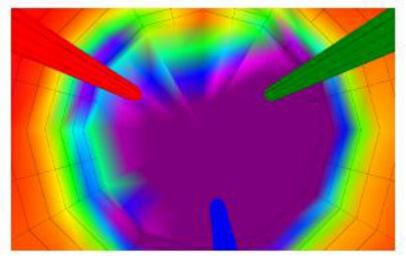
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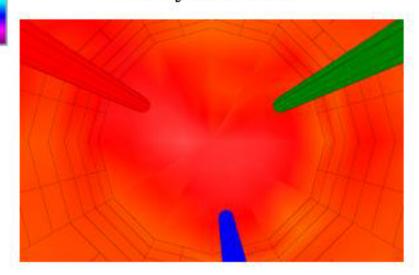
4.0 m from bottom



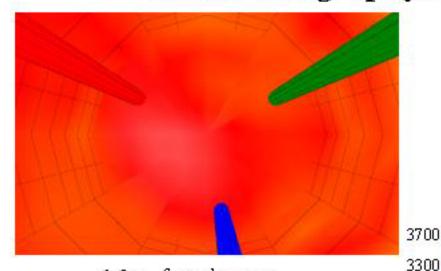
5.0 m from bottom



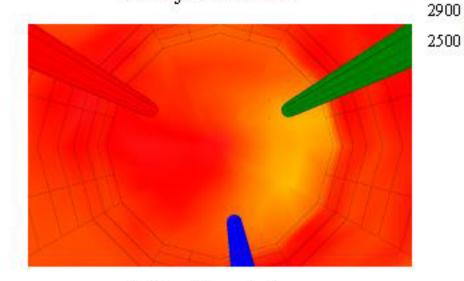
4.5 m from bottom



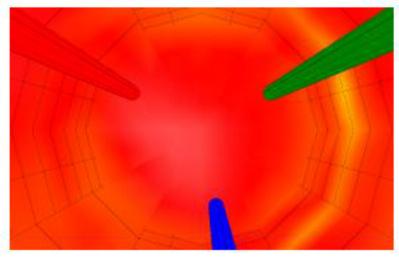
5.5 m from bottom



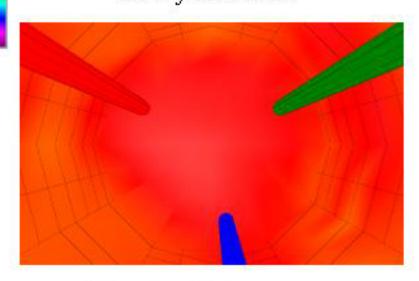
6.0 m from bottom



7.0 m from bottom

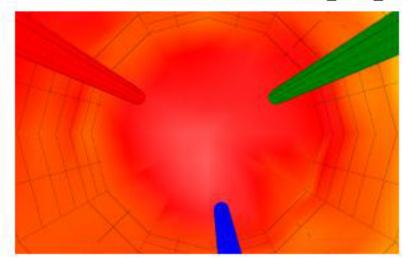


6.5 m from bottom

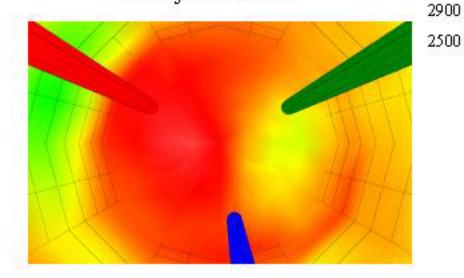


7.5 m from bottom

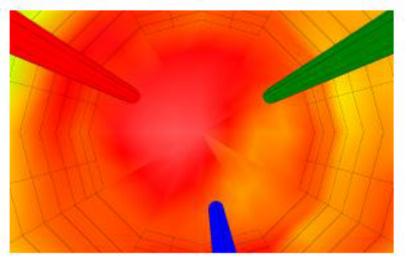
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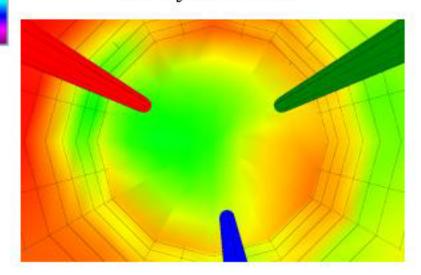
8.0 m from bottom



9.0 m from bottom

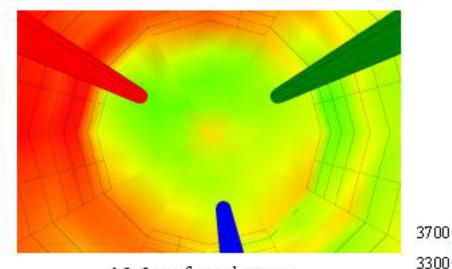


8.5 m from bottom

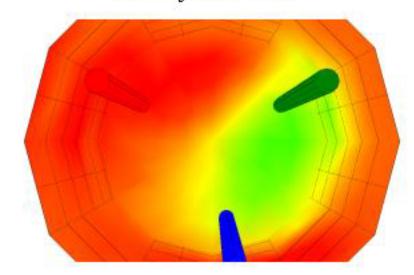


9.5 m from bottom

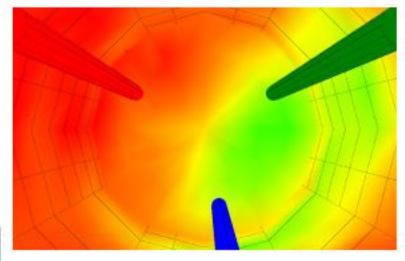
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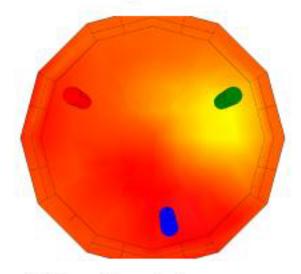
10.0 m from bottom



11.0 m from bottom



10.5 m from bottom



11.5 m from bottom